

WHAT IS CLAIMED IS:

1. An electromotive can opener having a body which is formed by a first half and a second half; and a motor, a touch switch for actuating the motor, a high twisting gear set, and a cutter handle have assembled to the

5 body; wherein

the body formed by the first half and second half has a body handle; the body handle is formed with a space for receiving a battery set for enabling the motor; the first half has a via hole, an axial hole, and a plurality of posts for confining a can;

10 the high twisting gear set is installed with a disk gear, a first following gear, a second following gear, a third driving gear, a fourth driving gear, and a driving gear; a lower periphery of the disk gear has a round gear which is engaged to a dynamic gear of the motor; the disk gear is installed with and movable with a main driven gear which is engaged to

15 the first following gear; the first following gear is installed with and movable with a first driven gear and is engaged to the second following gear; the second following gear is installed with and movable with a second driven gear and is engaged to the third following gear; the third following gear is installed with and movable with a third driven gear and

20 is engaged to the fourth following gear; the fourth following gear is installed with and movable with a driven shaft; the driven shaft passes through the via hole of the first half and then is assembled with the driving gear; by above structure, the motor can drive the driving gear;

the cutter handle has one end having a shaft; by the shaft of the
25 cutter handle and a stud, the cutter handle is pivotally installed to the axial

hole of the first half; the knife protrudes out of the cutter handle; when a can is to be opened, the knife will cut into the can and the touch switch is pressed by the cutter handle to actuate the motor;

wherein the can is clipped and thus rotates so as to be cut along the 5 periphery by the knife; and high twisting gear set forming the plurality of gears provides a high twisting force for securing the can firmly.

2. The electromotive can opener as claimed in claim 1, wherein the cutter handle has a metal enhancing plate; the metal enhancing plate has a resisting protrusion at a position corresponding to the knife; when the 10 knife cut into the can, the resisting protrusion will press the touch switch so as to actuate the motor.